GOVERNMENT OF INDIA
AGRICULTURE AND FARMERS WELFARE
LOK SABHA

UNSTARRED QUESTION NO:3344
ANSWERED ON:06.12.2016
Cold Storage Facilities
Dev Km. Sushmita;Singh Shri Dushyant

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

(a) whether the Union Government has since worked out the percentage of agricultural produce wasted due to lack of proper cold storage facilities and refrigerated transport systems every year;

(b) if so, the details thereof, State-wise;

(c) the total quantum of fruits and vegetables imported or exported during the last two years;

(d) the effective steps taken by the Government to check the wastages of fruits and vegetables; and

(e) whether the Government is encouraging investment in supply chain development including cold chain and preservation infrastructure, if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

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(a) & (b): A study commissioned by Ministry of Food Processing Industries and carried out by Central Institute of Post Harvest Engineering & Technology (CIPHET), Indian Council of Agricultural Research (ICAR), published in 2015, estimated that quantum of quantitative harvest and post harvest losses of agricultural produce were in the range of 4.65% to 5.99% (cereals), 6.36% to 8.41% (pulses), 3.08% to 9.96% (oil seeds), 6.70% to 15.88% (fruits), 4.58% to 12.44% (vegetables), 5.23% to 10.52% (fish), 2.71% (meat) and 0.92% (milk). The details of harvest and post harvest losses of major agricultural crops and commodities estimated by this study is Annexed. The details of State wise losses are not available.

(c): The details of export of fruits and vegetables during the last two years and the current financial year up to August, 2016 are given below:

Contdâ€¦2/-

Qty: In Mts Value : In Rs. Cr. and $ m

	2014-15			2015-16			2016-17 (April-August)		
Product	Qty	Rs. Cr	US$ m	Qty	Rs. Cr	US$ m	Qty	Rs. Cr	US$ m
Fresh Onions	1238103	2301	376	1201245	2747	420	770719	954	143
Other Fresh Vegetables	835501	2402	393	699600	2120	324	310935	923	138
Total vegetables	2073604	4703	769	1900846	4867	744	1081655	1877	280
Other Fresh Fruits	274436	1246	203	308261	1538	234	127696	687	103
Fresh Grapes	107258	1086	177	156218	1551	232	57028	442	66
Fresh Mangoes	42998	303	50	36329	317	50	39406	359	54
Walnuts	2666	136	22	3292	118	18	566	18	3
Total fruits	427358	2771	453	504100	3525	534	224696	1506	225
Total	2500962	7474	1222	2404946	8391	1278	1306351	3383	506

Source : DGCIS

Details of imports of fruits and vegetables are given below :

	2014-15			2015-16			2016-17 (April-August)		
	Qty	Rs Cr	$m	Qty	Rs Cr	$m	Qty	Rs Cr	$m
Other Fresh Vegetables	15863	43	7	10341	18	3	2533	4	1
Fresh Onions	387	1	0	34362	92	14	0	0	0
Total vegetables	16250	44	7	44703	110	17	2533	4	1
Other Fresh Fruits	742345	4963	813	685991	4209	646	343098	2113	315
Fresh Grapes	20586	372	60	5912	92	14	3734	77	11
Walnuts	1342	36	6	5537	110	17	1271	22	3
Mangoes	0	0	0	1	0	0	0	0	0

Total fruits 764273 5371 879 697441 4411 677 348103 2212 330
Total 764273 5371 879 697441 4411 677 348103 2212 330
Source: DGCIS
(d) & (e): The Government is implementing the following schemes/missions to check the wastage of the fruits and vegetables by encouraging investment in supply chain development including cold chain and preservation infrastructure in the country.

i. Mission for Integrated Development of Horticulture (MIDH) of DAC&FW
ii. Integrated cold chain Scheme of MOFPI:
iii. Scheme of Agricultural Processed Food Products Export Development Authority (APEDA) under Ministry of Commerce
iv. Scheme of National Cooperative Development Corporation (NCDC) under DAC &FW

Department of Agriculture, Cooperation & Farmers Welfare is implementing Mission for Integrated Development of Horticulture (MIDH) for development of Horticulture in the country which includes assistance for creation of post-harvest infrastructure (PHM) including establishment of cold storages, processing units, pack houses, pre-cooling units, controlled atmosphere storage, reefer vans, Integrated Cold chain and setting up of ripening chambers.

Under post harvest component credit linked back ended subsidy @ 35% to @ 50% of the project cost is available. These components are entrepreneur driven through commercial ventures for which Government assistance is credit linked and back ended.